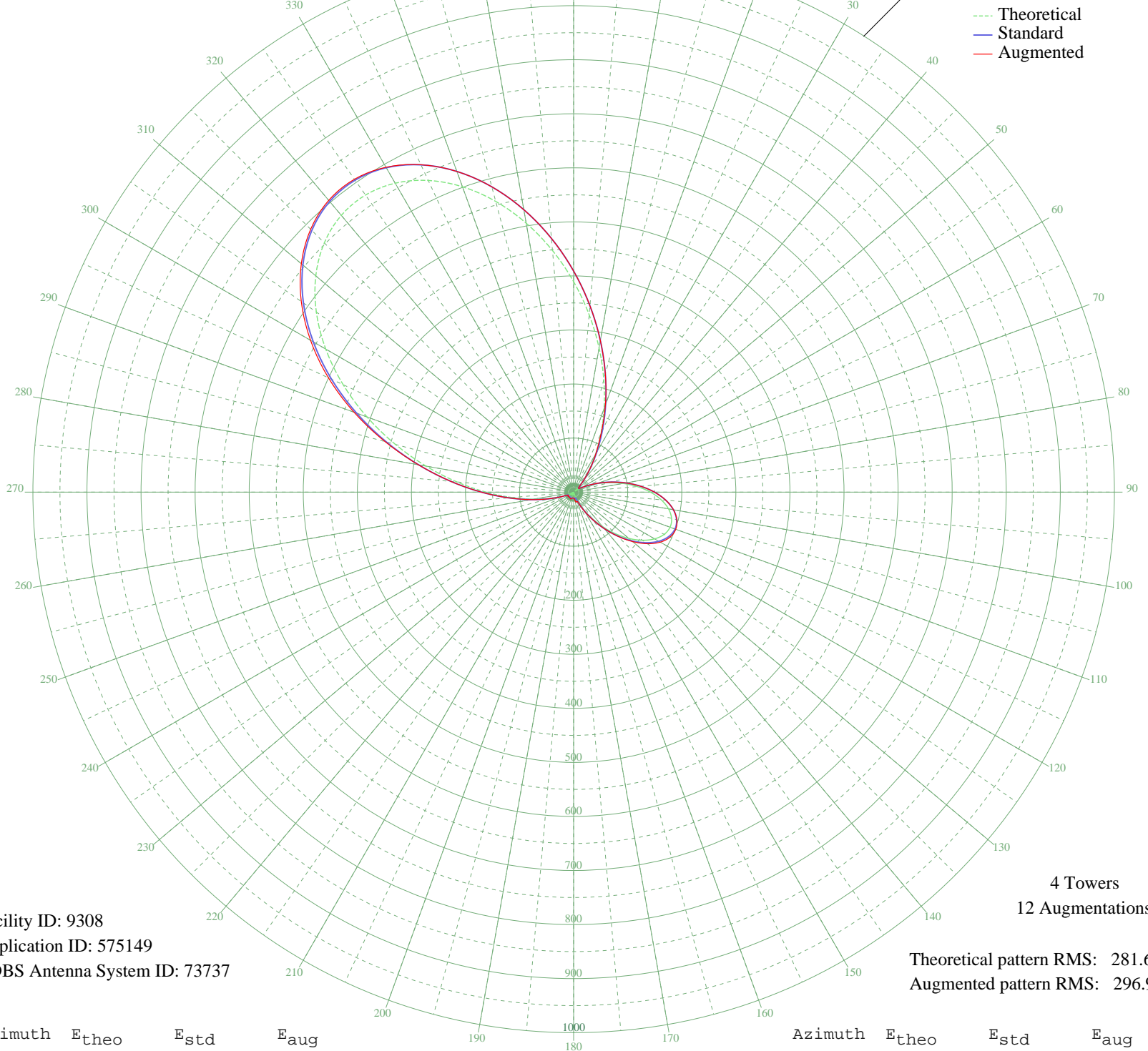


# KIXZ AMARILLO, TX BL-20010718ABB 940 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 9308  
Application ID: 575149  
CDBS Antenna System ID: 73737

4 Towers  
12 Augmentations

Theoretical pattern RMS: 281.64  
Augmented pattern RMS: 296.98

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	389.36	408.96	408.96
5	329.45	346.08	346.08
10	270.90	284.64	284.64
15	215.43	226.44	226.44
20	164.50	173.04	171.74
25	119.31	125.72	120.70
30	80.82	85.51	82.42
35	49.71	53.24	52.29
40	26.42	29.66	29.42
45	11.17	15.74	15.74
50	3.91	11.27	11.63
55	4.34	11.45	11.71
60	11.91	16.33	16.09
65	25.79	29.04	29.01
70	44.85	48.25	48.25
75	67.70	71.86	71.86
80	92.73	97.93	97.93
85	118.13	124.48	124.48
90	142.02	149.49	149.49
95	162.57	171.02	171.02
100	178.15	187.35	187.35
105	187.47	197.13	197.56
110	189.75	199.51	200.98
115	184.76	194.29	196.85
120	172.92	181.87	185.07
125	155.22	163.31	166.36
130	133.14	140.19	142.27
135	108.49	114.40	115.15
140	83.21	88.00	88.00
145	59.13	62.97	63.11
150	37.80	41.06	41.84
155	20.36	23.81	24.22
160	7.40	13.06	18.01
165	0.97	10.55	19.38
170	5.15	11.81	15.80
175	5.89	12.19	12.04

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	4.19	11.39	11.32
185	1.14	10.57	10.57
190	2.21	10.75	10.79
195	4.98	11.73	12.10
200	6.52	12.53	13.37
205	6.48	12.51	13.78
210	4.85	11.67	13.20
215	1.91	10.69	12.15
220	1.73	10.66	11.63
225	5.20	11.83	12.20
230	7.43	13.08	13.11
235	7.19	12.93	12.93
240	3.15	11.01	11.01
245	6.02	12.25	14.48
250	21.52	24.92	24.92
255	44.40	47.79	47.79
260	75.36	79.82	79.82
265	114.67	120.86	120.86
270	162.07	170.49	170.49
275	216.71	227.79	227.79
280	277.13	291.18	291.46
285	341.28	358.49	361.02
290	406.61	427.07	432.15
295	470.29	493.91	500.26
300	529.33	555.90	561.81
305	580.90	610.04	614.87
310	622.48	653.69	657.41
315	652.10	684.78	687.76
320	668.46	701.96	704.69
325	671.02	704.65	706.67
330	659.98	693.06	694.04
335	636.23	668.13	668.29
340	601.23	631.38	631.38
345	556.86	584.80	584.80
350	505.25	530.62	530.62
355	448.67	471.22	471.22